Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 02 Jan 2023 until 23:59 on Tuesday 03 Jan 2023

Forecast Issued on Sunday 01 Jan 2023 at 15:35

Confidence: High becoming Medium in details from Wednesday.

Headline for Monday 02 Jan 2023: Dry and bright.

Mountain weather hazards on Monday 02 Jan 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Low Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain showers (night)	Fog	Mist	Sunny intervals	Sunny intervals	Sunny	Clear night	Clear night
Precipitation probability							
40%	30%	20%	10%	<05%	00%	00%	00%

Forecast for Monday 02 Jan 2023

Weather: A scattering of showers overnight, perhaps wintry over the tops. Mainly dry and bright during daylight hours, any isolated early showers soon dying out. Some sunny or clear spells expected. Some mist and freezing fog possibly forming through the evening in the valleys.

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: Occasional cloud around the tops overnight and early morning, otherwise nil significant. Visibility mainly very good, but poor or very poor in showers and summit cloud.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Monday 02 Jan 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/26 SW	17/22 W	16/21 W	12/15 W	15/19 W	12/16 W	12/16 SW	14/20 SW	17/25 S
300	13/22 SW	11/17 SW	11/16 SW	8/11 SW	10/14 W	9/13 W	7/12 SW	9/15 S	11/19 S
Valley	8/20 SW	7/16 SW	7/15 W	4/10 W	7/13 W	6/12 W	4/12 S	5/15 S	5/17 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-3	2/-3	1/-4	0/-4	1/-4	1/-4	0/-5	0/-5	0/-6
300	5/1	4/0	3/-1	2/-1	3/-0	4/0	3/-1	2/-1	2/-2
Valley	5/2	4/2	4/1	3/1	4/1	4/2	2/0	1/-1	1/-2
Freezing Level*	1000m	900m	800m	600m	700m	700m	600m	500m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing further to add.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 01 Jan 2023	20.4mm	31.8mm	34.2mm

Forecast for Tuesday 03 Jan 2023

Weather: An unsettled day with strong winds and outbreaks of heavy rain, although some drier and brighter conditions possible around the middle of the day.

Maximum wind: South or Southwest 30 to 35mph, gusting 50mph, easing a little around the middle of the day.

Chance of cloud-free hill tops above 600m: 40%, most likely around the middle of the day.

Low cloud and visibility: Extensive cloud, base 600m, lowering 300m or less at times. However, perhaps above the tops around the middle of the day. Visibility moderate or poor in rain, and very poor at times at height. A general improvement in visibility possible for a time around the middle of the day.

Temperature: **Valleys:** Zero Celsius rising to 10 Celsius
At 600m: Around Zero Celsius soon rising Plus 6 Celsius
Freezing level: Well down during the early hours, soon rising above the tops.

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